WU5202

802.11b/g/n Mini Wireless LAN USB2.0 Adapter

◆ Description

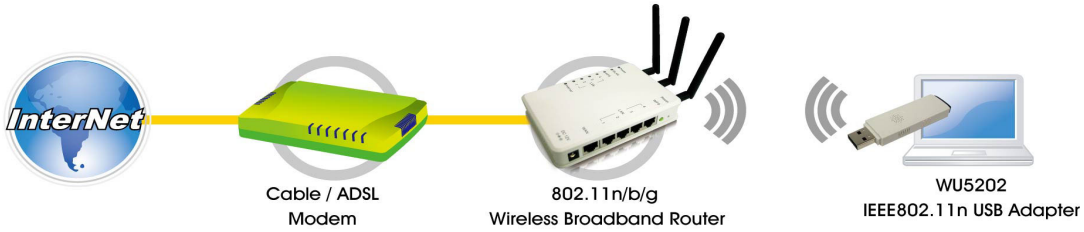
The **WU5202** is an IEEE802.11b/g/n USB adapter that connects your notebook to a wireless local area. The **WU5202 1*2 MIMO** Technology improves effective throughput and range over existing 802.11b/g products better expands the receiving distance and efficiently eliminates wireless connection dead spots compared with normal 11g products.

The **WU5202** is a very small adapter that can connects notebook, handheld or desktop computer equipped with USB interface for wireless network applications. It allows you to take full advantage of your notebook's mobility with access to real-time information and online services anytime and anywhere.

◆ Features

- High-speed Wireless-N (draft 802.11n) networking for your desktop or notebook PC
- 802.11b/g compliant
- WPA/WPA2 Encryption
- USB interface
- Compatible with Microsoft Windows 2000, and XP

◆ Application



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◆ Specification

Standards	**IEEE 802.11 b/g/n standards compliant**
Antenna	**Chip antenna (2dBi) *2**
Supported OS	**Windows 2000, XP, Vista**
Security	**WEP 64/128** **WPA, WPA2**
Frequency Range	**802.11b/g/n** **USA (FCC): 2.412GHz ~ 2.462GHz** **Europe (ETSI): 2.412GHz ~ 2.472 GHz** **Japan (TELEC): 2.412GHz ~ 2.483GHz**
Number of Selectable Channels	**802.11b/g/n:** **USA (FCC) 11 channels;** **EU (ETSI) 13 channels;** **Japan (TELEC) 13 channels**
Data Rate	**802.11b: 1, 2, 5.5, 11Mbps** **802.11g: 6, 9, 12, 18, 24, 36, 48, 54Mbps** **802.11n: up to 300Mbps**
Coverage Area	**Up to 12 times faster then existing 802.11b/g products**
Transmit Power (EIRP)	**802.11b : 16+/-1.5 dBm (Typical)** **802.11g : 13+/-1.5 dBm (Typical)** **Wireless-N : 13+/-1.5 dBm (Typical)**
Receiver Sensitivity	**11b 11Mpbs :-76dBm** **11g 54Mpbs :-65dBm** **11n-HT20 72.22Mpbs :-62dBm** **11n-HT40 150Mpbs :-59dBm**
Physical Specifications	**Weight : 10g** **Dimension : 71.5(L)*19(W)*7.9(H) mm**
Environment Specifications	**Operating Temp : 0℃ to 45℃** **Storage Temp : -20℃ to 70℃** **Operating Humidity : 10% to 90% Non-Condensing** **Storage Humidity : 5% to 90% Non-Condensing**
Power Requirement	**5 Vdc**
Certifications:	**FCC, CE**
Warranty	**12 months**

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